

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|---------------------------------|---|------------------------|
| In re Patent Application of |) | Group Art Unit: |
| Susumu Noda et al. |) | Examiner: |
| Application No.: 10/550,596 |) | Confirmation No.: 1380 |
| Filing Date: September 23, 2005 |) | |
| Title: TWO-DIMENSIONAL PHOTONIC |) | |
| CRYSTAL SURFACE-EMITTING |) | |
| LASER |) | |

TRANSMITTAL LETTER FOR MISSING PARTS OF APPLICATION

MAIL STOP MISSING PARTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In complete response to the Notice to File Missing Parts of Application filed Under 37 C.F.R. § 1.53(b) dated May 15, 2006, enclosed please find:

- ☒ a Combined Declaration and Power of Attorney signed by the inventor(s);
 - ☐ Note that the inventor identified on the concurrently filed Combined Declaration and Power of Attorney is different than listed on the application filing papers. <<OR>> Note that the inventors identified on the currently filed Combined Declaration and Power of Attorney are different than listed on the application papers.
- ☐ an Application Data Sheet <<OR>> a Supplemental Application Data Sheet;
- ☐ the surcharge of ☐ \$ 65 ☐ \$ 130 as set forth in 37 C.F.R. § 1.16(e);
- ☐ a Request for Refund;
- ☒ a Petition for Extension of Time;
- ☐ a verified English translation of the application, and the 130 fee as set forth in 37 C.F.R. § 1.17(k);
- ☐ drawings for publication;
- ☐ an Information Disclosure Statement;
- ☐ a certified copy of the priority document <<OR>> certified copies of the priority documents;

Transmittal Letter for Missing Parts of Application

Application No. 10/550,596

Attorney Docket No. 1018912-000170

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- ☐ copy of Notice to File Missing Parts of Nonprovisional Application; and
- ☐ _____
- ☐ Small entity status is hereby claimed.
- ☐ Charge to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date

9-25-06

By:

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09/28/2006 MKAYPAGH 00000054 10550596

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1018912-000170

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450
www.uspto.gov

| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
|-----------------------------|-----------------------|------------------|
| 10/550,596 | Susumu Noda | 018912-170 |

| INTERNATIONAL APPLICATION NO. | |
|-------------------------------|---------------|
| PCT/JP04/03987 | |
| I.A. FILING DATE | PRIORITY DATE |
| 03/23/2004 | 03/25/2003 |

21839
BUCHANAN INGERSOLL PC
(INCLUDING BURNS, DOANE, SWECKER & MATHIS)
POST OFFICE BOX 1404
ALEXANDRIA, VA 22313-1404

CONFIRMATION NO. 1380

371 FORMALITIES LETTER



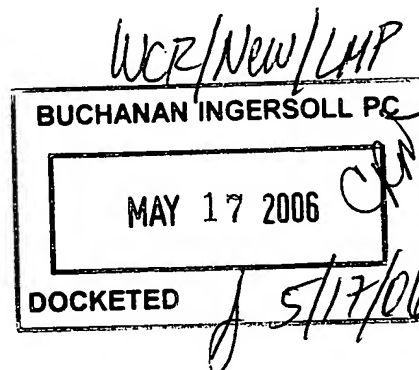
OC000000018784865

Date Mailed: 05/15/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/23/2005
- Copy of the International Search Report filed on 09/23/2005
- Information Disclosure Statements filed on 09/23/2005
- U.S. Basic National Fees filed on 09/23/2005
- Priority Documents filed on 09/23/2005
- Non-English Language Application filed on 09/23/2005
- Specification filed on 09/23/2005
- Claims filed on 09/23/2005
- Abstracts filed on 09/23/2005
- Drawings filed on 09/23/2005

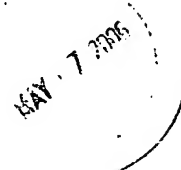


The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. The current translation of the application into English is defective as described below. Note a processing fee will be required if submitted later than 30 months from the priority date.
 - The number of claims in the International Application and the number of claims in the translation are not the same.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).

Missing Part Due: 7/15/06



- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$260** for a Large Entity:

- \$130 Surcharge.
- \$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/550,596 | PCT/JP04/03987 | 018912-170 |